

10-12-00

A

# UTILITY PATENT APPLICATION TRANSMITTAL

## (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
0112300/144

Total Pages in this Submission  
47

### TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**GAMING DEVICE HAVING INTERACTING SYMBOLS**

and invented by:

Andrea C. Hughs-Baird, Jason D. Kremer and Brian D. Swift

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

### Application Elements

1.  Filing fee as calculated and transmitted as described below
2.  Specification having 25 pages and including the following:
  - a.  Descriptive Title of the Invention
  - b.  Cross References to Related Applications (*if applicable*)
  - c.  Statement Regarding Federally-sponsored Research/Development (*if applicable*)
  - d.  Reference to Microfiche Appendix (*if applicable*)
  - e.  Background of the Invention
  - f.  Brief Summary of the Invention
  - g.  Brief Description of the Drawings (*if drawings filed*)
  - h.  Detailed Description
  - i.  Claim(s) as Classified Below
  - j.  Abstract of the Disclosure

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
0112300/144

Total Pages in this Submission  
47

## Application Elements (Continued)

3.  Drawing(s) (*when necessary as prescribed by 35 USC 113*)
  - a.  Formal Number of Sheets \_\_\_\_\_
  - b.  Informal Number of Sheets 13
4.  Oath or Declaration
  - a.  Newly executed (*original or copy*)  Unexecuted
  - b.  Copy from a prior application (37 CFR 1.63(d)) (*for continuation/divisional application only*)
  - c.  With Power of Attorney  Without Power of Attorney
  - d.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5.  Incorporation By Reference (*usable if Box 4b is checked*)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6.  Computer Program in Microfiche (*Appendix*)
7.  Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all must be included*)
  - a.  Paper Copy
  - b.  Computer Readable Copy (*identical to computer copy*)
  - c.  Statement Verifying Identical Paper and Computer Readable Copy

## Accompanying Application Parts

8.  Assignment Papers (*cover sheet & document(s)*)
9.  37 CFR 3.73(B) Statement (*when there is an assignee*)
10.  English Translation Document (*if applicable*)
11.  Information Disclosure Statement/PTO-1449  Copies of IDS Citations
12.  Preliminary Amendment
13.  Acknowledgment postcard
14.  Certificate of Mailing

First Class  Express Mail (*Specify Label No.*): EL387672677US

**UTILITY PATENT APPLICATION TRANSMITTAL  
(Large Entity)**

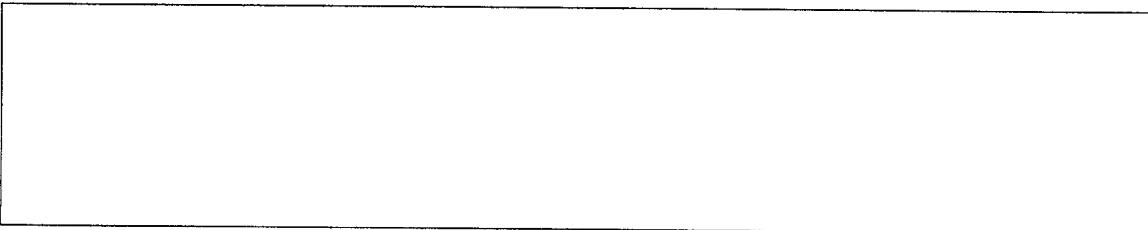
*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Docket No.  
0112300/144

Total Pages in this Submission  
47

**Accompanying Application Parts (Continued)**

15.  Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16.  Additional Enclosures *(please identify below):*



**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

17.  Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

***Warning***

***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
0112300/144

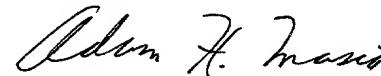
Total Pages in this Submission  
47

## Fee Calculation and Transmittal

### CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	20	- 20 =	0	x \$18.00	\$0.00
Indep. Claims	3	- 3 =	0	x \$80.00	\$0.00
Multiple Dependent Claims (check if applicable)		<input type="checkbox"/>			\$0.00
				<b>BASIC FEE</b>	<b>\$710.00</b>
OTHER FEE (specify purpose)					\$0.00
				<b>TOTAL FILING FEE</b>	<b>\$710.00</b>

A check in the amount of **\$710.00** to cover the filing fee is enclosed.  
 The Commissioner is hereby authorized to charge and credit Deposit Account No. as described below. A duplicate copy of this sheet is enclosed.  
 Charge the amount of \_\_\_\_\_ as filing fee.  
 Credit any overpayment.  
 Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.  
 Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).



Signature

Adam H. Masia  
(Reg. No. 35,602)

Dated: **October 11, 2000**

cc:

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Andrea C. Hughs-Baird, et al.

Docket No.

0112300-144

JC932 U.S. PTO  
09/686308

Serial No.

Filing Date

Examiner

Group Art Unit

Invention: **GAMING DEVICE HAVING INTERACTING SYMBOLS**

I hereby certify that the following correspondence:

**Patent Application***(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under

37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on

October 11, 2000*(Date)***Debra Dean***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***EL387672677US***("Express Mail" Mailing Label Number)*

Note: Each paper must have its own certificate of mailing.

# UNITED STATES PATENT APPLICATION

FOR

# GAMING DEVICE HAVING INTERACTING SYMBOLS

**INVENTORS:**

ANDREA C. HUGHS-BAIRD,  
JASON D. KREMER  
AND  
BRIAN D. SWIFT

Prepared by:  
Bell, Boyd & Lloyd LLC  
70 West Madison Street  
Suite 3300  
Chicago, Illinois 60602  
(312) 372-1121  
Our File No.: 0112300-144

## GAMING DEVICE HAVING INTERACTING SYMBOLS

### COPYRIGHT NOTICE

5 A portion of the disclosure of this patent document contains or may contain material which is subject to copyright protection. The copyright owner has no objection to the photocopy reproduction by anyone of the patent document or the patent disclosure in exactly the form it appears in the Patent and Trademark Office patent file or records, but otherwise  
10 reserves all copyright rights whatsoever.

### DESCRIPTION

The present invention relates in general to a gaming device, and more particularly to a gaming device having interacting symbols.

15

### BACKGROUND OF THE INVENTION

Gaming machines currently exist with mechanical reels having symbols thereon, video reels having symbols and bonus schemes in which a player has one or more opportunities to choose a particular  
20 symbol from a group of symbols to receive credit or bonus values.

Many gaming devices with a variety of symbols are well known. Since players are seeking more entertainment and enjoyment, it is desirable to provide players with new gaming devices where the players

have an opportunity to receive winning payouts and are entertained at the same time.

## SUMMARY OF THE INVENTION

The present invention provides a gaming device and method which provides players an award associated with interacting symbols on reels of 5 a gaming device. For purposes of this application, the term "interacting" includes visually or audibly displaying one symbol influencing or acting in conjunction with one or more other symbols.

The gaming scheme of the present invention provides a player with a plurality of symbols on a plurality of video or virtual reels. When a player 10 obtains two or more interacting symbols, the game exhibits an interaction between or among the symbols using the display device. In operation, the player initiates spinning the video reels, generally by placing a wager. If the reels display at least two (preferably related and adjacently positioned) symbols on the same horizontal row, the game exhibits an interaction 15 between the symbols and the game preferably awards the player with a credit award or bonus value.

If the present invention is used in a bonus scheme of a gaming device, the game preferably enables the player to select one or more of the interacting symbols. In such a bonus game, preferably certain of the 20 symbols are each related to at least one other symbol and will display an interaction if properly selected. In one embodiment, if the player selects two non-interacting symbols, the bonus round terminates. As long as the

player avoids the non-interacting symbols, the game continues and the player chooses another selection. If the player chooses additional interacting symbols, the game preferably awards the player with another award. This process continues until the player ultimately chooses non-  
5 interacting symbols or until the player chooses all the related symbols in the bonus round. It should also be appreciated that the gaming device could select a first symbol and prompt the player to select another symbol and display the interaction between the symbols, if appropriate.

The symbols may be represented by characters which appear in  
10 the squares, including people, phrases and animals. In one preferred embodiment, the symbols consist of characters in pairs or threes. Characters which are related to one another are preferably paired with one another.

It is therefore an object of the present invention to provide a gaming  
15 device which includes interacting symbols.

Another object of the present invention is to provide a gaming device with a gaming scheme which provides a reward for obtaining symbols that interact.

Other objects, features and advantages of the invention will be  
20 apparent from the following detailed disclosure, taken in conjunction with the accompanying sheets of drawings, wherein like numerals refer to like parts, elements, components, steps and processes.

## BRIEF DESCRIPTION OF THE DRAWINGS

Figs. 1A and 1B are front plan views of two embodiments of the gaming device of the present invention;

Fig. 2 is a schematic block diagram of the electronic configuration 5 of one embodiment of the gaming device of the present invention;

Fig. 3 is a flow diagram of one embodiment of the gaming scheme of the present invention;

Figs. 4A, 4B, 4C, 4D and 4E are top plan views of the selections, symbols and interaction in one embodiment of the gaming scheme of the 10 present invention; and

Figs. 5A, 5B, 5C, 5D, 5E, 5F and 5G are a top plan views of an alternative embodiment of the selections, symbols and interactions of the gaming scheme of the present invention.

DETAILED DESCRIPTION OF THE INVENTION

Gaming Device and Electronics

5 Referring now to the drawings, a gaming device 10 of one embodiment of the present invention, which is preferably a slot machine having the controls, displays and features of a conventional slot machine is generally illustrated. Gaming device 10 is constructed so that a player can operate gaming device 10 while standing or sitting. However, it  
10 should be appreciated that gaming device 10 can be constructed as a pub-style tabletop game (not shown) which a player can operate preferably while sitting. Gaming device 10 can also be implemented as a program code stored in a detachable cartridge for operating a hand-held video game device. Also, gaming device 10 can be implemented as a  
15 program code stored on a disk or other memory device which a player can use in a desktop or laptop personal computer or other computerized platform.

Gaming device 10 can incorporate any primary game such as slot, poker or keno in addition to any of their bonus triggering events which  
20 trigger the gaming scheme of the present invention. In the preferred embodiment, the gaming device 10 incorporates a gaming scheme including a primary game and a secondary or bonus game. However, it

should be appreciated that the gaming device 10 includes a primary game while the gaming scheme comprises only the secondary game. The symbols and indicia used on and in gaming device 10 may be in mechanical, electrical or video form. In one embodiment, the primary 5 game uses symbols and indica in mechanical form and the secondary game includes only symbols in video form. It is also anticipated that the symbols in both the primary and secondary game are in video form.

As illustrated in Figs. 1A and 1B, gaming device 10 includes a coin slot 12 and bill acceptor 14 where the player inserts money, coins or 10 tokens. The player can place coins in the coin slot 12 or paper money in the bill acceptor 14. Other devices could be used to accept payment such as readers or validators for credit cards or debit cards. When a player inserts money in gaming device 10, a number of credits corresponding to the amount deposited is shown in a credit display 16. After depositing the 15 appropriate amount of money, a player can begin the game by pulling arm 18, pushing play button 20 or activating any other mechanism (including a touch screen) which starts the game.

As shown in Figs. 1A and 1B, gaming device 10 also includes a bet display 22 and a bet one button 24. The player places a bet by pushing 20 the bet one button 24. The player can increase the bet by one credit each time the player pushes the bet one button 24. When the player pushes the bet one button 24, the number of credits shown in the credit display 16

decreases by one, and the number of credits shown in the bet display 22 increases by one.

Gaming device 10 also has a display window 28 which contains a plurality of reels 30, preferably two to five reels in mechanical or video 5 (i.e., virtual) form. Each reel 30 displays a plurality of indicia such as bells, hearts, fruits, numbers, letters, bars or other images which preferably correspond to a theme associated with the gaming device 10. Each symbol may be associated with an audio representation provided through speakers 34. If the reels 30 are in video or virtual form, the gaming device 10 10 preferably displays the video reels 30 at display 32 instead of at display window 28 (best viewed in Fig. 1B).

The display 32 is selected from the group consisting of cathode ray tubes "CRTs", high resolution flat panel LCDs, projection type LCDs, plasma displays, field emission displays, digital micromirror displays, LCD 15 touch-screens, flat TV displays or other suitable displays. The display 32 is capable of portraying or displaying images, symbols and other indicia including images of people, characters, places, things and card faces associated with the game. This display 32 (and speakers 34) generally attract patrons to play the game.

20 In one preferred embodiment, the display 32 is an LCD which is used to display images, symbols and other indicia including secondary games which represent a bonus game (a secondary game for which a

bonus is awarded to the primary game). It should be appreciated that the display window 28 containing reels 30 and display 32 could be combined into one display so that the display 32 provides the reels 30 only in video or virtual form along with the images, symbols and other indicia of the 5 gaming device 10 for both the primary and secondary games (best viewed in Fig. 1B). Furthermore, a plurality of smaller displays could combine to form display 32 and used with the present invention.

At any time during the primary game, a player may "cash out" and thereby receive a number of coins corresponding to the number of 10 remaining credits by pushing a cash out button 26. When the player "cashes out," the player receives the coins in a coin payout tray 36. The gaming device 10 may employ other payout mechanisms such as credit slips redeemable by a cashier or electronically recordable cards which keep track of the player's credits.

15 With respect to electronics, gaming device 10 preferably includes the electronic configuration generally illustrated in Fig. 2, including a processor 38, a memory device 40 for storing program code or other data, a display 32 or other display device such as a liquid crystal display and at least one input device such as play button 20 in Figs. 1A and 1B. The 20 processor 38 is preferably a microprocessor or microcontroller-based platform which is capable of displaying images, symbols and other indicia such as images of people, characters, places, things and faces of cards.

The processor 38 also provides the interaction between the images, symbols and other indicia, generally in cartoon form. The memory device 40 can include random access memory (RAM) 42 for storing event data or other data generated or used during a particular game. The memory 5 device 40 can also include read only memory (ROM) 44 for storing program code which controls the gaming device 10 so that it plays a particular game in accordance with applicable game scheme and any applicable pay tables.

The player preferably uses input devices 33 such as play button 20 10 or arm 18 as illustrated in Fig. 2, to input signals into gaming device 10. Furthermore, it is anticipated that gaming device 10 includes a touch screen 46 and an associated touch screen controller 48 since the game requires input or a selection by the player. Touch screen 46 and touch screen controller 48 are connected to a video controller 50 and processor 15 38. A player can make decisions and input signals into the gaming device 10 by touching touch screen 46 at the appropriate places. As further illustrated in Fig. 2, the processor 38 can be connected to coin slot 12 or bill acceptor 14. The processor 38 can be programmed to require a player to deposit a certain amount of money in order to start the game.

20 It should be appreciated that although the processor 38 and memory device 40 are preferable implementations of the present invention, the present invention can also be implemented using one or

more application-specific integrated circuits (ASIC's) or other hard-wired devices, (collectively referred to herein as a "processor"). Furthermore, although the processor 38 and memory device 40 preferably reside on each gaming device 10 unit, it is possible to provide some or all of their 5 functions at a central location such as a network server for communication to a playing station such as over a local area network (LAN), wide area network (WAN), Internet connection, microwave link, and the like. The processor 38 and memory device 40 are generally referred to herein as the "computer" or "controller."

10        With reference to Figs. 1A, 1B and 2, to operate the gaming device 10, the player must insert the appropriate amount of money or tokens at coin slot 12 or bill acceptor 14 and then activate the input device 33 (i.e., pull the arm 18, push the play button 20 or use touch screen buttons. The reels 30 will then begin to spin. Eventually, the reels 30 will come to a 15 stop. As long as the player has credits remaining, the player can spin the reels 30 again. Depending upon where the reels 30 stop, the player may or may not win additional credits.

      In addition to winning credits in this manner, preferably gaming device 10 also provides players the opportunity to win credits in the 20 secondary or bonus round. It should be anticipated that while the present invention is in regards to a bonus round, it is equally applicable to a primary game. This type of gaming device 10 includes a program which

automatically begins a secondary or bonus round (i.e., the gaming scheme") when the player has achieved a qualifying condition in the primary game. This qualifying condition can be a particular arrangement of indicia on the display window 28.

5 Preferably, the qualifying condition is a predetermined combination of indicia appearing on a plurality of reels 30. As illustrated in the three reel slot game shown in Figs. 1A and 1B, the qualifying condition could be the text "BONUS" appearing in the same location on three adjacent reels during the primary game or the text "Bonus" on one reel and a  
10 predetermined bet in the primary game.

#### Gaming Scheme with Interacting Symbols

If a player achieves a bonus triggering or qualifying condition while  
15 playing the primary game, the gaming device 10 automatically initiates the gaming scheme, beginning the bonus round of the present invention as indicated by block 52 in Fig. 3. The gaming scheme of the present invention provides the player with a plurality of symbols as indicated by block 54. The symbols are images consisting of varying graphics and  
20 having various sizes, shapes, colors and associated sounds.

In one embodiment of the present invention, the plurality of symbols are displayed on two or more video or virtual reels 30 (see Fig. 1B)

provided by display 32. In one preferred embodiment, five video reels are contemplated, each reel having a plurality of symbols as illustrated in Figs. 5A through 5G. However, it should be anticipated that three reels 30 provide the symbols in a grid-like arrangement as illustrated in Figs. 4A 5 through 4E. The symbols can be separated and spaced apart in an orderly or disorderly fashion.

In one embodiment, the gaming device 10 (see Fig. 1B) spins the reels 30, randomly rearranging or altering the position of the symbols. The gaming device 10 displays the rearranged symbols. If at least two or 10 more preferably related symbols are adjacently positioned (i.e., horizontally, vertically or diagonally) the gaming device 10 displays the interaction between the symbols.

In another preferred embodiment, gaming device 10 spins the plurality of reels 30 prior to displaying the plurality of randomly rearranged 15 symbols. After reviewing the plurality of symbols, the player chooses or selects at least one of the highlighted or indicated symbols (preferably by touching touch screen 46) as indicated by block 56 in Fig. 3. When a player selects an interacting symbol, the game exhibits, displays or otherwise causes the selected interacting symbol to interact with another 20 interacting symbol as indicated by block 58. It is also contemplated that the player selects the first interacting symbol and then selects one or more additional interacting symbols that interact with the first symbol.

Preferably the selected symbols have related characteristics and interact because of those related characteristics. For example interacting symbols include: (i) a horse and buggy, where the interaction includes the horse pulling the buggy; (ii) a hammer and nail, where the hammer strikes the nail; and (iii) a cow and a moon, where the cow jumps over the moon.

5 The game preferably awards the basic value to the player each time the device 10 displays the interacting symbol(s). The values of the interacting symbols may vary, are preferably combined and are displayed to the player. It should be appreciated, however, that more than two 10 symbols may interact and different values may be awarded depending on the symbols that are selected and the interaction between those symbols. For example, the gaming device 10 might display drumsticks, a drum and cymbals, where only the drumsticks and drum interact. The player only receives credit or bonus values when the device 10 displays or the player 15 selects the drumsticks and drum. In one alternative embodiment, if the device displays or the player selects the drumsticks and cymbals (i.e., the non-interacting cymbals), the gaming device 10 does not display an interaction or award any credit value to the player.

In another example involving the same symbols (i.e., drumsticks, 20 drum and cymbals), different credit values are awarded for different selections and interactions. For example, the gaming device 10 may display one interaction and award a predetermined credit value for

displaying or selecting the interaction and different value for displaying or selecting the drumsticks and cymbals.

It should be appreciated that the non-interacting and interacting symbols are interchangeable. That is one symbol may interact with a 5 second symbol in one game (i.e., the drumsticks and the drum) and with a different symbol in another game (i.e., the drumsticks and the cymbals). Further, non-interacting symbols in one game may become interacting symbols in another.

In this embodiment, the gaming device 10 determines if the 10 symbols interact as indicated by diamond 60. If the symbols interact, the game preferably displays the interaction and the basic value associated with such interaction as indicated by block 62 and awards the player that basic or credit value as indicated by block 64. The game device 10 adds the basic or credit value to the player's current value which is preferably 15 displayed by the display 32 or credit display 16, as indicated by block 64. In one embodiment the game further spins the reels, displays a new set of plurality of symbols and enables the player to play again.

If the machine does not display or the player does not select interacting symbols as indicated by diamond 60, the bonus round or game 20 preferably ends. The player's current total as displayed in credit display 16 or display 32 becomes the final total which is awarded to the player as indicated by blocks 66 and 68 respectively. Preferably the gaming device

10 terminates the gaming scheme, terminating the bonus round (or primary game if applicable) as illustrated by block 70.

An embodiment of the game is illustrated in Figs. 4A through 4E. The gaming device 10 displays a plurality of reels 72 having a plurality of 5 symbols 74 that connect to, and are controlled by, the controller. In the depicted embodiment, the gaming device 10 displays three digital or virtual reels 72 which form a grid 76 as illustrated in Fig. 4A.

In one embodiment, the device 10 spins reels 72, rearranging or altering the arrangement of the symbols 74. If two (or more) symbols are 10 aligned, preferably on a horizontal line, display 32 provides or displays the interaction 82 (best viewed in Fig. 4D) then displays the basic or credit value 84 (best viewed in Fig. 4E).

In another embodiment, device 10 selects a symbol 74 and displays that selection as a first or displayed symbol 78 as illustrated in 15 Fig. 4B. The gaming device 10 prompts the player to select a matching or interacting symbol 80 as illustrated in Fig. 4C using visual or audio prompts or a combination of the two. The visual prompts are provided by display 32 while the audio prompts are provided by speakers 34. It should also be anticipated that the gaming device prompts the player to select the 20 first symbol 78 and then selects the interacting symbol 80.

If the player has chosen correctly (i.e., chosen symbols that interact) the display 32 displays the interaction 82 and then the credit

value 84 associated with that interaction as illustrated in Figs. 4D and 4E. The game adds the credit value to the player's current value and starts the game or round over, spinning the reels 72 and prompting the player to select a new symbol(s). If the symbols 74 do not interact, the game 5 terminates.

Preferably the game device 10 rearranges the symbols each time a new bonus round begins. The rearrangement enables the symbols 74 to be located in different locations from play to play in one bonus round or from bonus round to bonus round.

10 The bonus scheme of the present invention offer players with a heightened level of excitement because the player does not know what basic values are "behind" the interacting symbols. The game offers the player an array of symbols. When the device 10 displays or the player chooses a symbol, the device 10 could display or the player could select a 15 symbol which is related to and interacts with another symbol, providing the player with a basic value. The possibility that one spin or one touch on touch screen 44 could bring instant failure or success with various awards is exciting and generally pleasurable to players. Moreover the contemplated interaction is preferably silly, providing enjoyment to the 20 player.

In one preferred embodiment of the present invention, the symbols in the gaming scheme of the present invention are images, specifically,

characters. The characters are people and animals, preferably in cartoon form. Furthermore, in this preferred embodiment certain characters are related.

As is apparent by viewing Figs. 5A through 5G, one embodiment of  
5 the bonus scheme preferably incorporates a Three Stooges cartoon theme, including Three Stooges characters. Three Stooges is a registered trademark of C3 Entertainment, Inc., and is licensed by the assignee of the present invention. In addition, the preferred embodiment can include audio features (i.e., songs, voices and other sound effects)  
10 which are consistent with the cartoon theme of this preferred embodiment.

The five reels 72 illustrated in Figs. 5A through 5G include a plurality of Three Stooges characters 86. The symbols 74 are shaped in squares and located on a three by five grid 76. The reels 72 or a box adjacent to the reels include a message 88 to the player

15 The game prompts the player to select an interacting symbol, using a visual prompt 90 and/or an audio prompt using speaker 34. After selecting the interacting symbol 80, the game displays the interaction 82 as illustrated in Figs. 5B, 5C, 5D and 5F and provides the associated credit or basic value 84 (best seen in Figs. 5D and 5G). In the depicted  
20 embodiments, one interacting symbol 80 illustrated in Fig. 5A squirts a fire hose at another interacting symbol and one interacting symbol 80 illustrated in Fig. 5A pulls another interacting symbol's hair.

While the present invention has been described in connection with what is presently considered to be the most practical and preferred embodiments, it is to be understood that the invention is not limited to the disclosed embodiments, but on the contrary is intended to cover various 5 modifications and equivalent arrangements included within the spirit and scope of the claims. It is thus to be understood that modifications and variations in the present invention may be made without departing from the novel aspects of this invention as defined in the claims, and that this application is to be limited only by the scope of the claims.

## CLAIMS

The invention is hereby claimed as follows:

1. A gaming device having a gaming scheme with interacting symbols, said gaming device comprising:
  - a controller;
  - a plurality of reels having at least two said interacting symbols connected to the controller; and
  - a display device adapted to display the reels and said interacting symbols interacting with each other.
2. The gaming device of Claim 1, which includes the display device displaying adjacent interacting symbols.
- 15 3. The gaming device of Claim 1, which includes at least one selection associated with at least one of said interacting symbols.
4. The gaming device of Claim 1, which includes the reels having a plurality of non-interacting symbols.

5. The gaming device of Claim 1, wherein the display device is adapted to display an interaction between non-adjacent interacting symbols.

5 6. The gaming device of Claim 5, wherein the display device is adapted to display a credit value associated with the interacting symbols.

7. A gaming device having a gaming scheme, said gaming device comprising:

10 means for controlling said gaming device;  
means for providing a plurality of symbols connected to the controlling means;  
means for enabling at least two of the symbols to interact; and  
means for displaying the symbols and interaction of the symbols.

15 8. The gaming device of Claim 7, wherein the enabling means includes enabling adjacent symbols to interact.

9. The gaming device of Claim 7, wherein the display means  
20 includes a video monitor.

10. The gaming device of Claim 9, wherein the video monitor includes a touch screen.

11. The gaming device of Claim 7, which includes means for 5 prompting a player to select at least one symbol.

12. The gaming device of Claim 11, wherein the prompting means includes an audio prompt.

10 13. A method for operating a gaming device having a gaming scheme with interacting symbols, said method comprising the steps of:

(a) displaying a plurality of symbols;  
(b) displaying an interaction between at least two interacting symbols;

15 (c) awarding a player a value associated with the interaction;  
and

(d) repeating steps (b) and (c) until the gaming scheme is terminated.

20 14. The method of Claim 13, further including triggering said gaming scheme.

15. The method of Claim 13, which includes selecting at least one symbol.

16. The method of Claim 15, which includes selecting two 5 symbols.

17. The method of Claim 16, which includes displaying the interaction between the two adjacent symbols.

10 18. The method of Claim 13, which includes displaying the interaction between at least two non-adjacent symbols.

19. The method of Claim 13, which includes prompting the player to select the symbol.

15

20. The method of Claim 19, which includes audibly prompting the player to select the symbol.

## **ABSTRACT OF THE DISCLOSURE**

The present invention relates to a gaming device and method which includes interacting symbols. Wherein the game exhibits the interaction 5 between the two symbols using a display device and awards the player with a credit or bonus value.

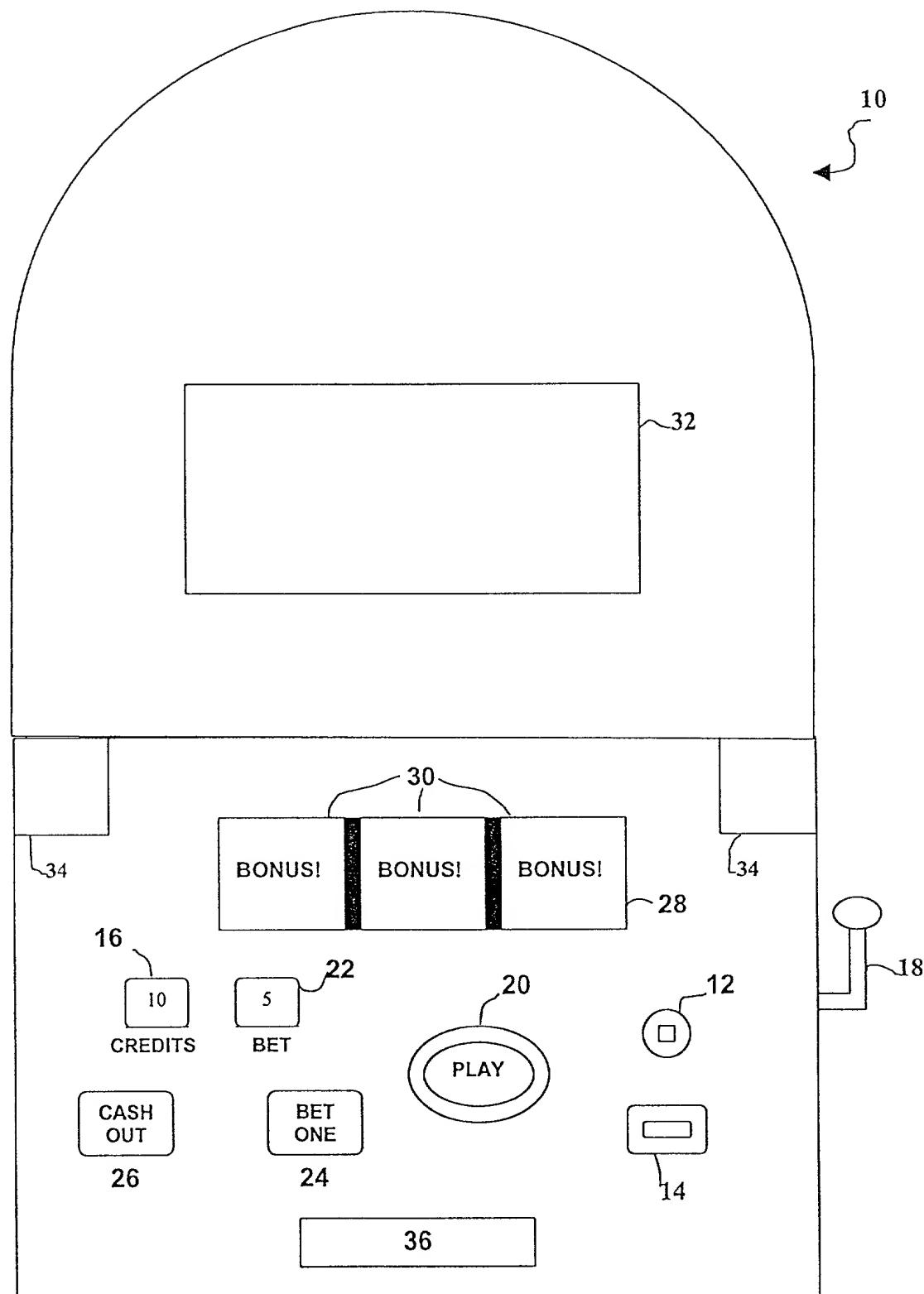


FIG. 1A

0966300 100,400

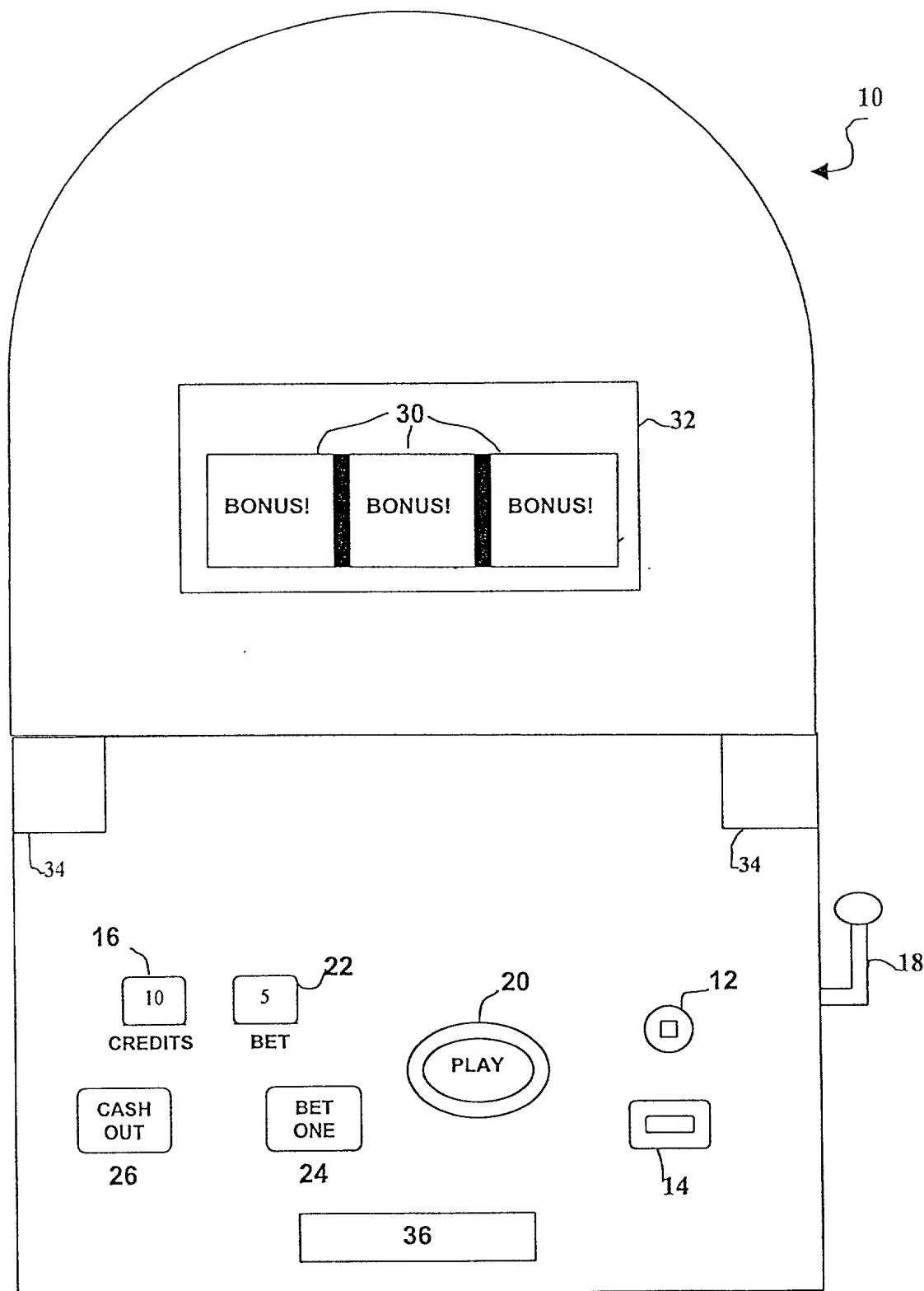


FIG. 1B

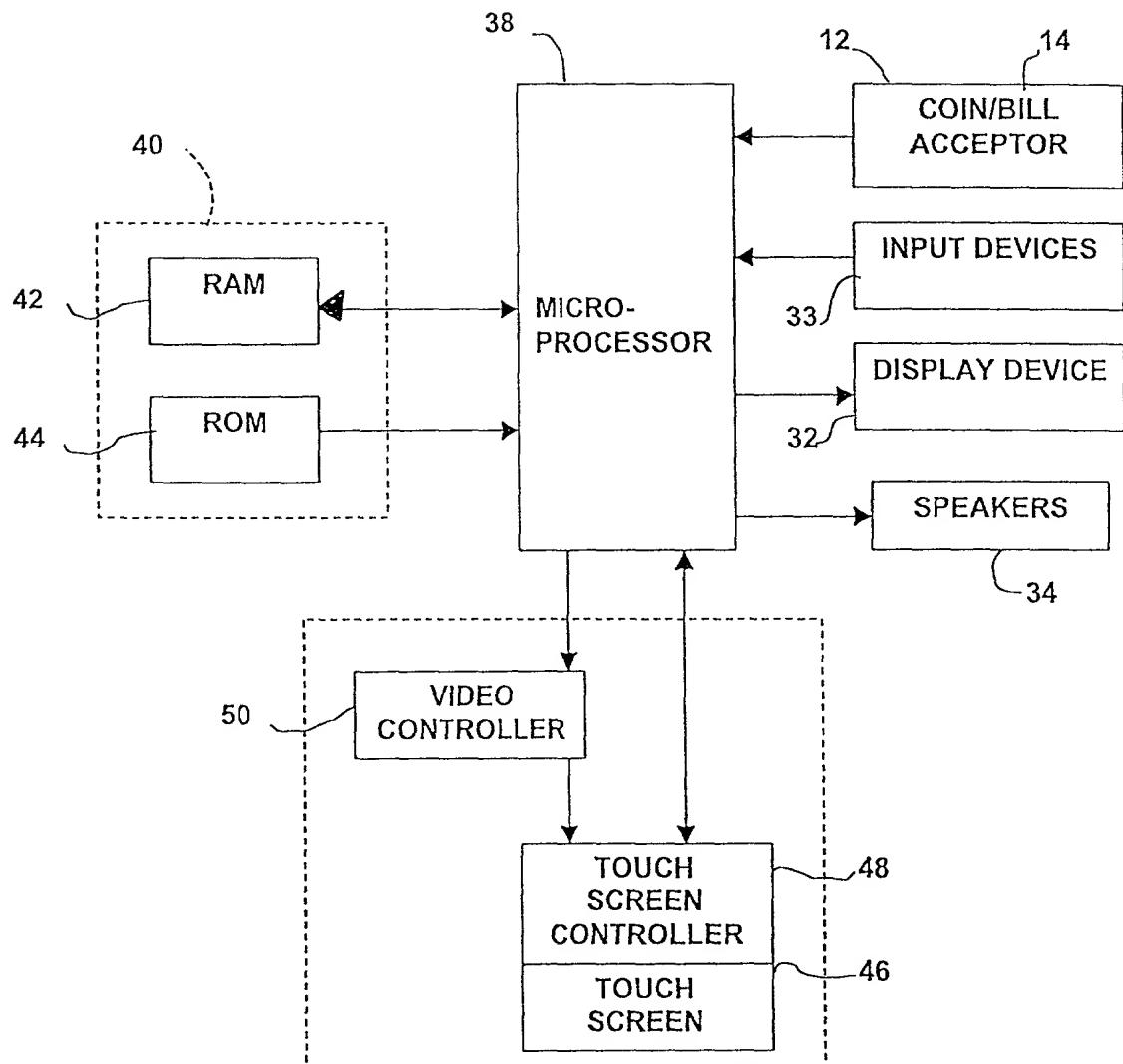


FIG. 2

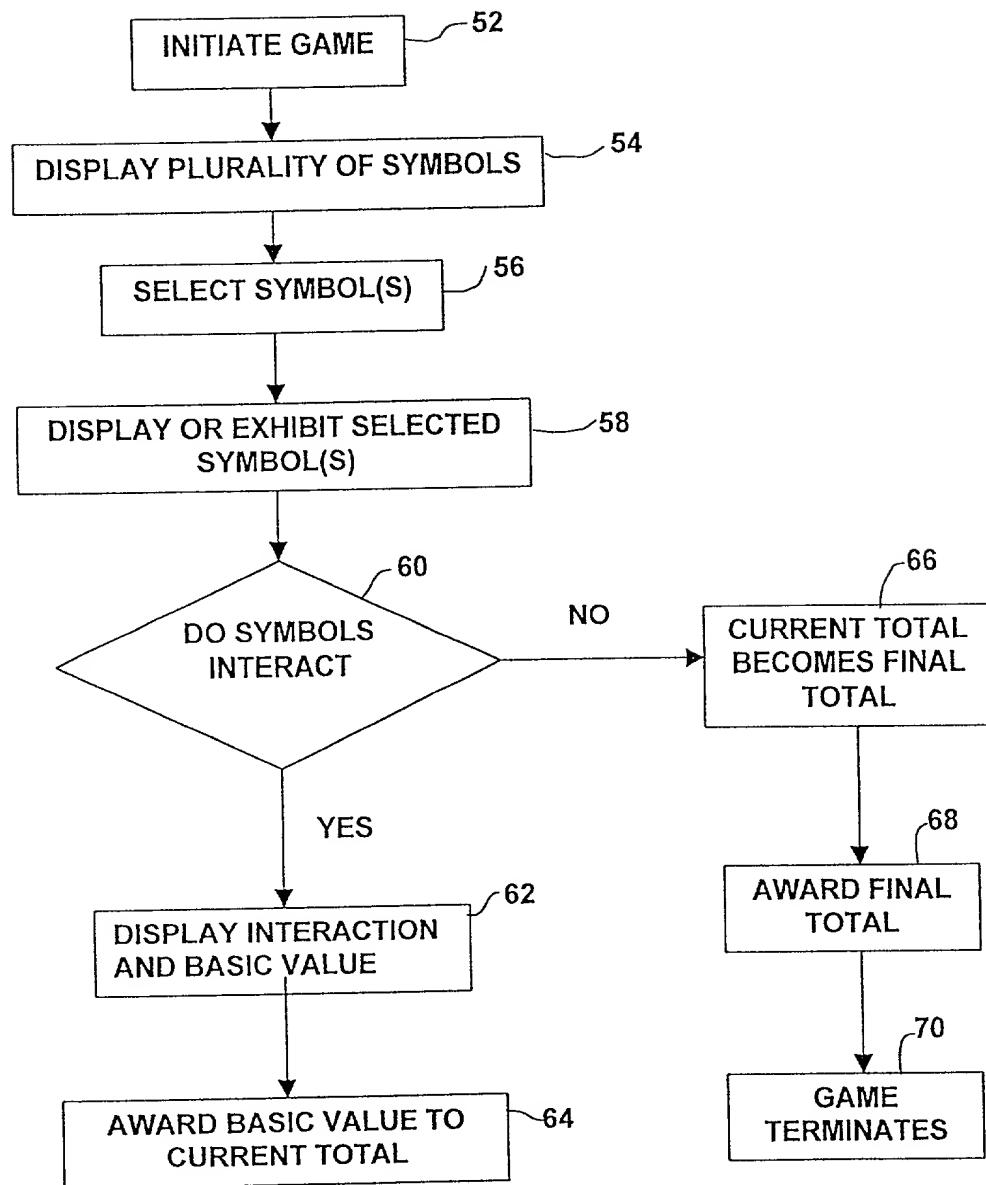


FIG. 3

FIG. 4A

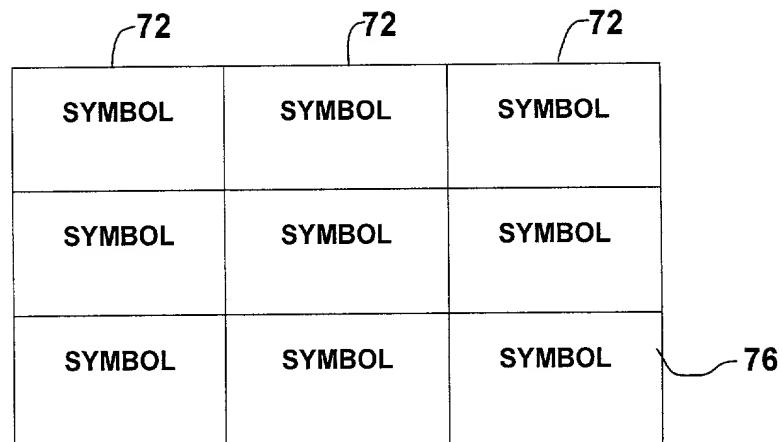


FIG. 4B

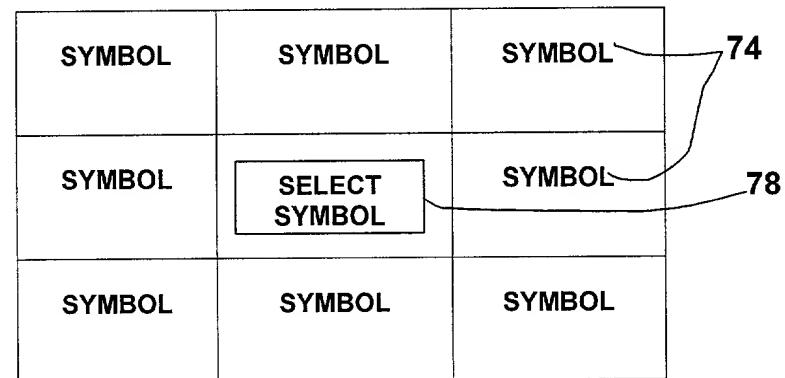


FIG. 4C

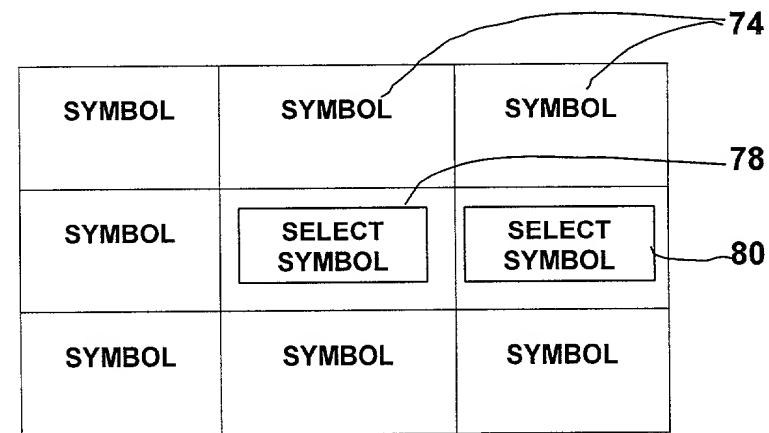


FIG.4D

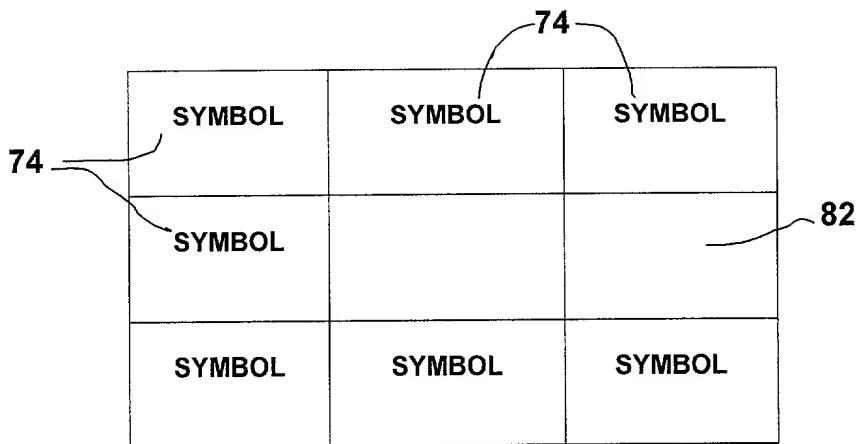
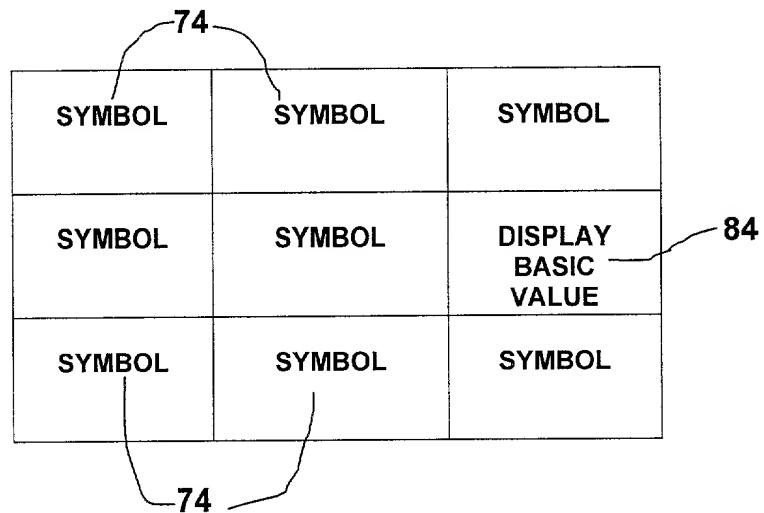


FIG. 4E



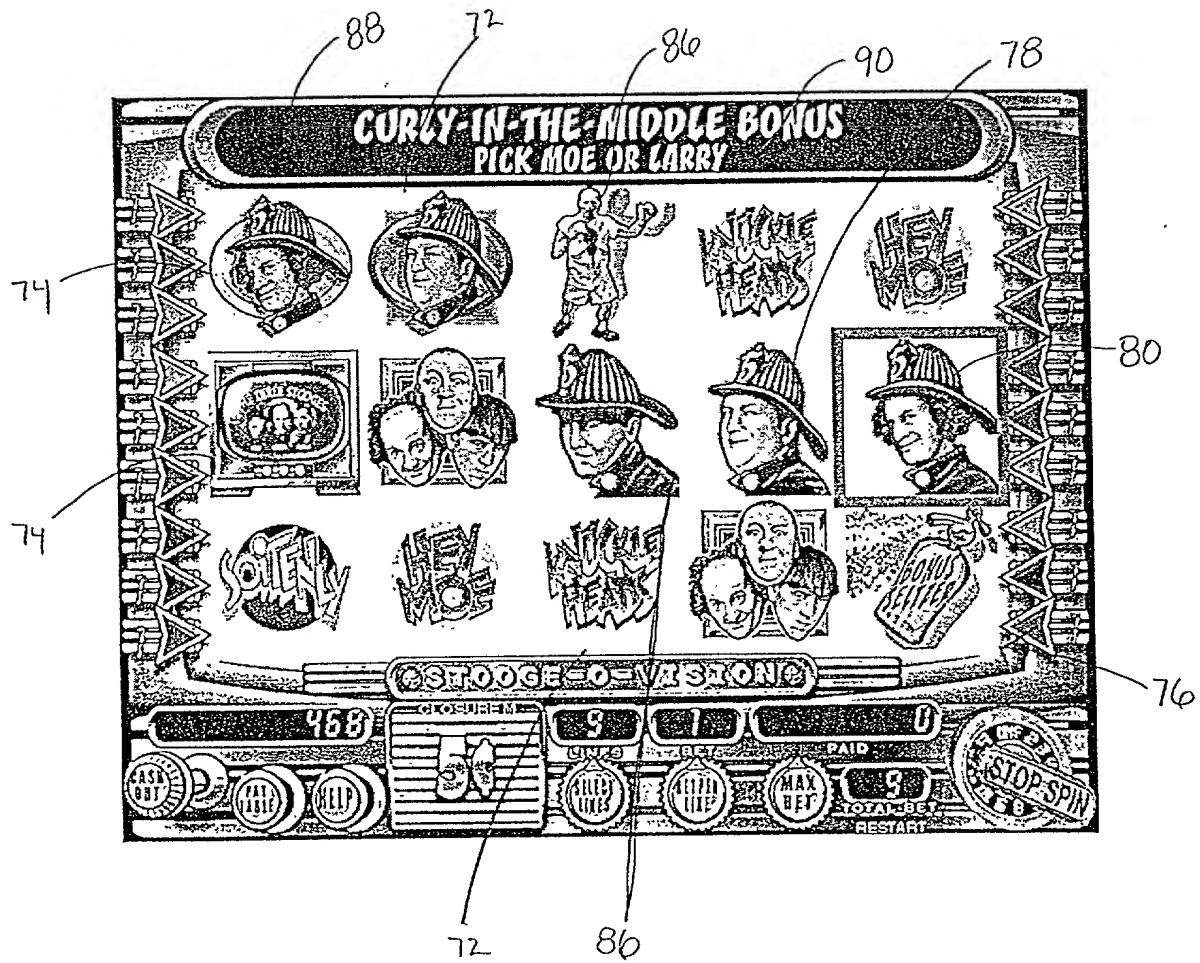


Fig. 5A

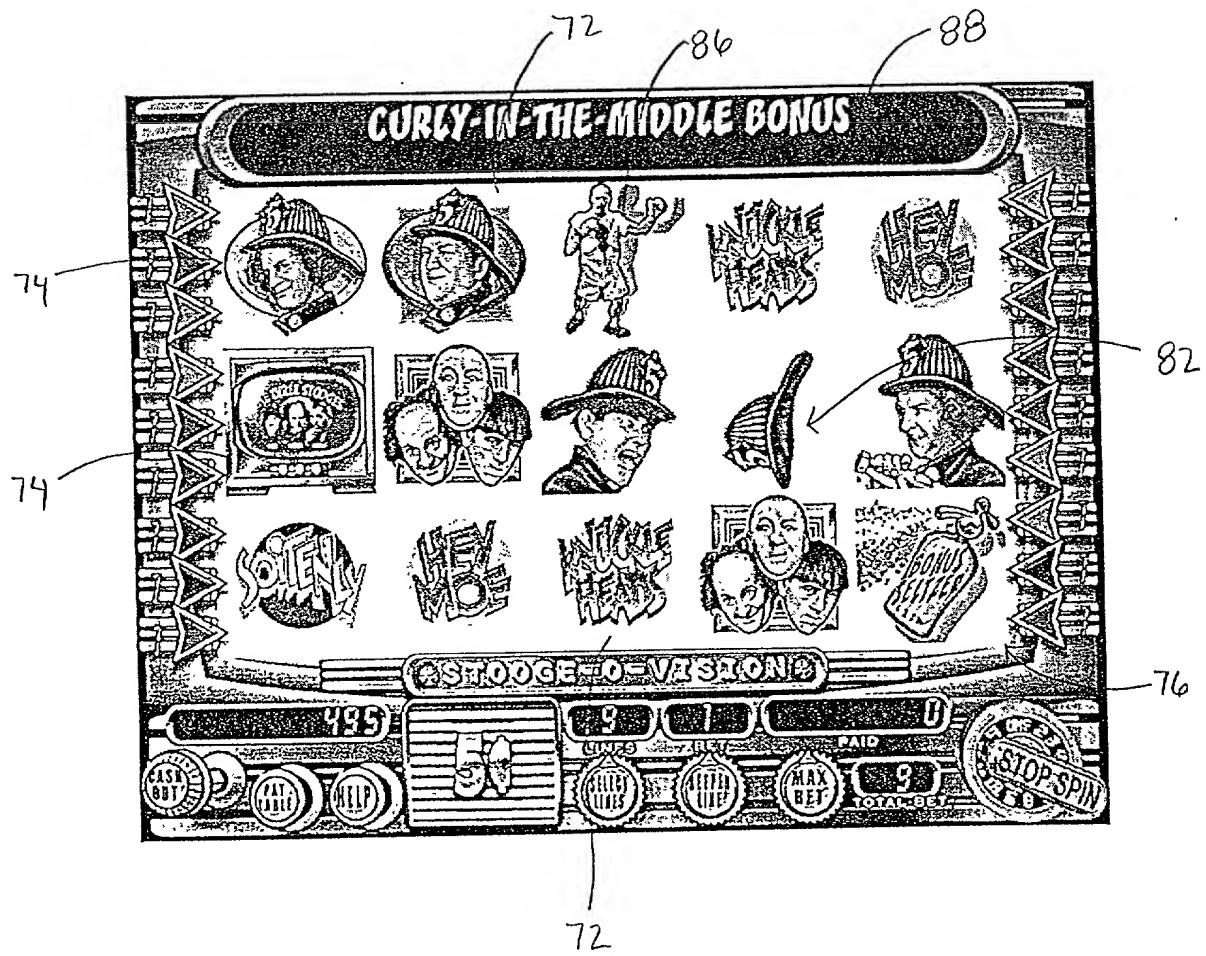


Fig. 5B

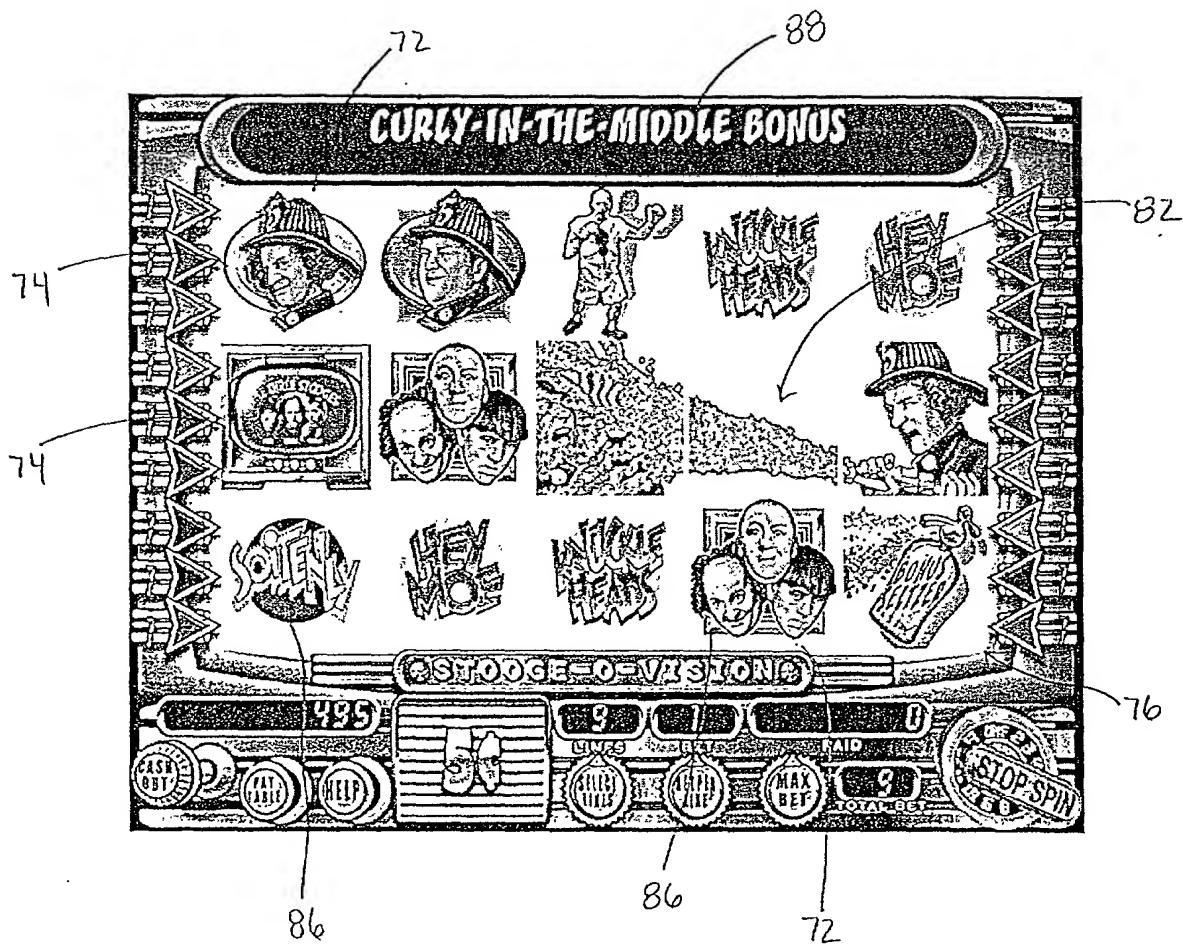


Fig. 5C

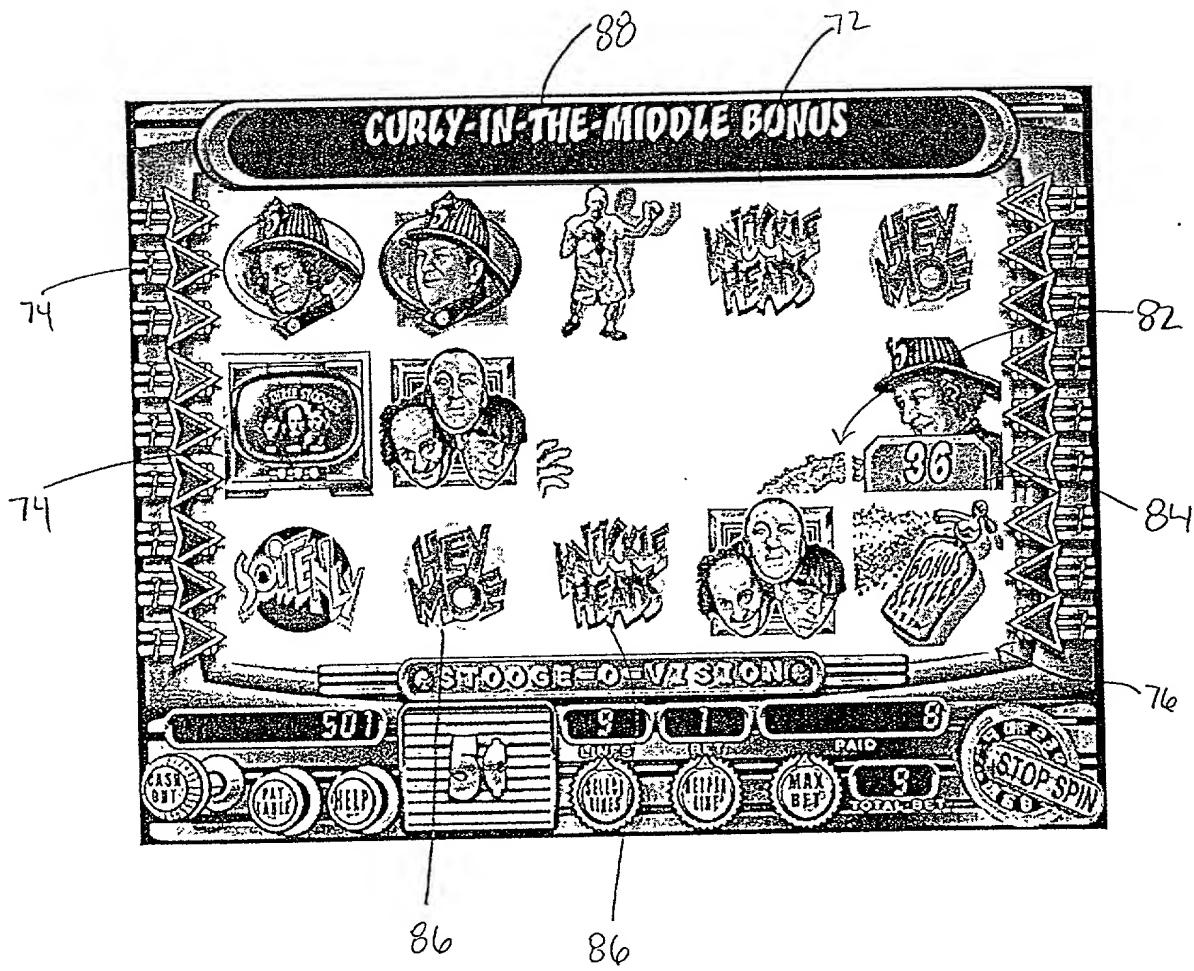


Fig. 5D

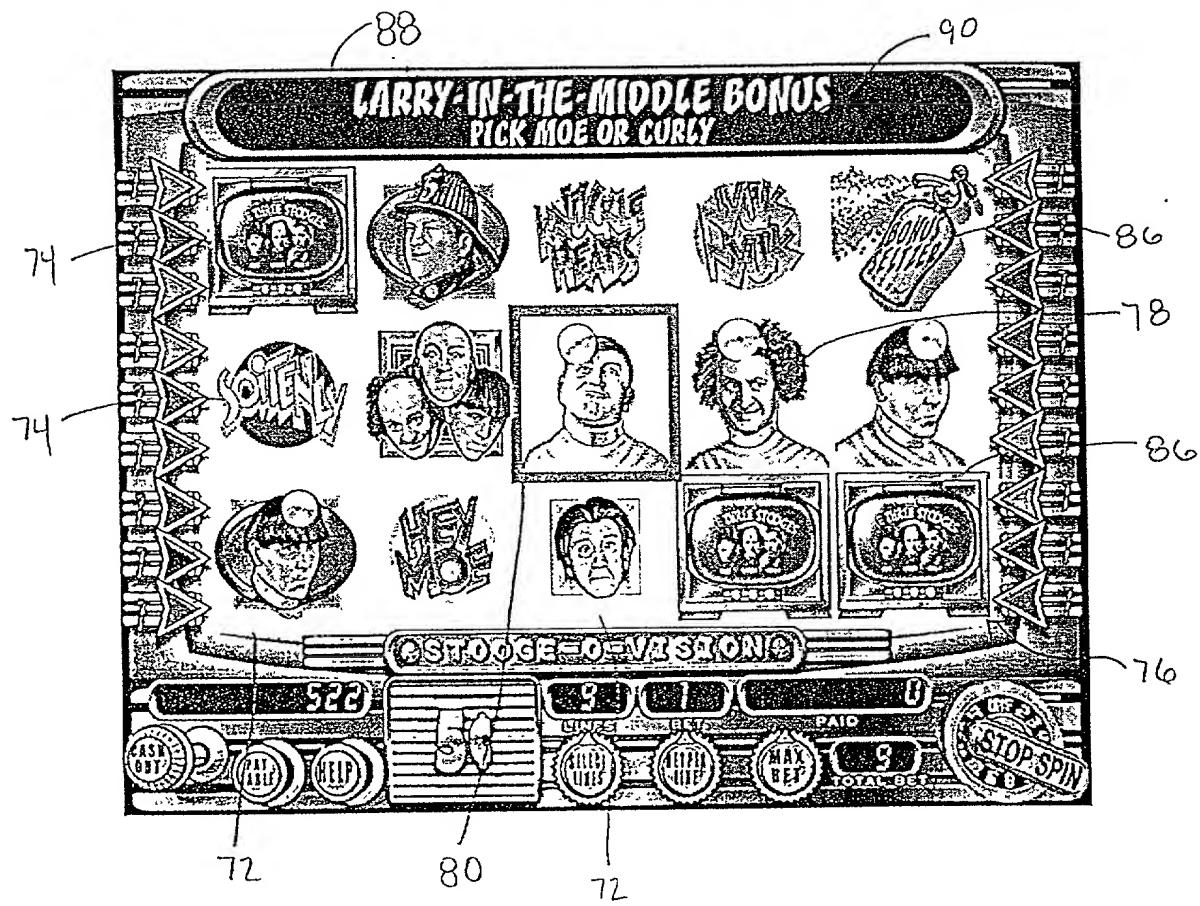


Fig. 5E

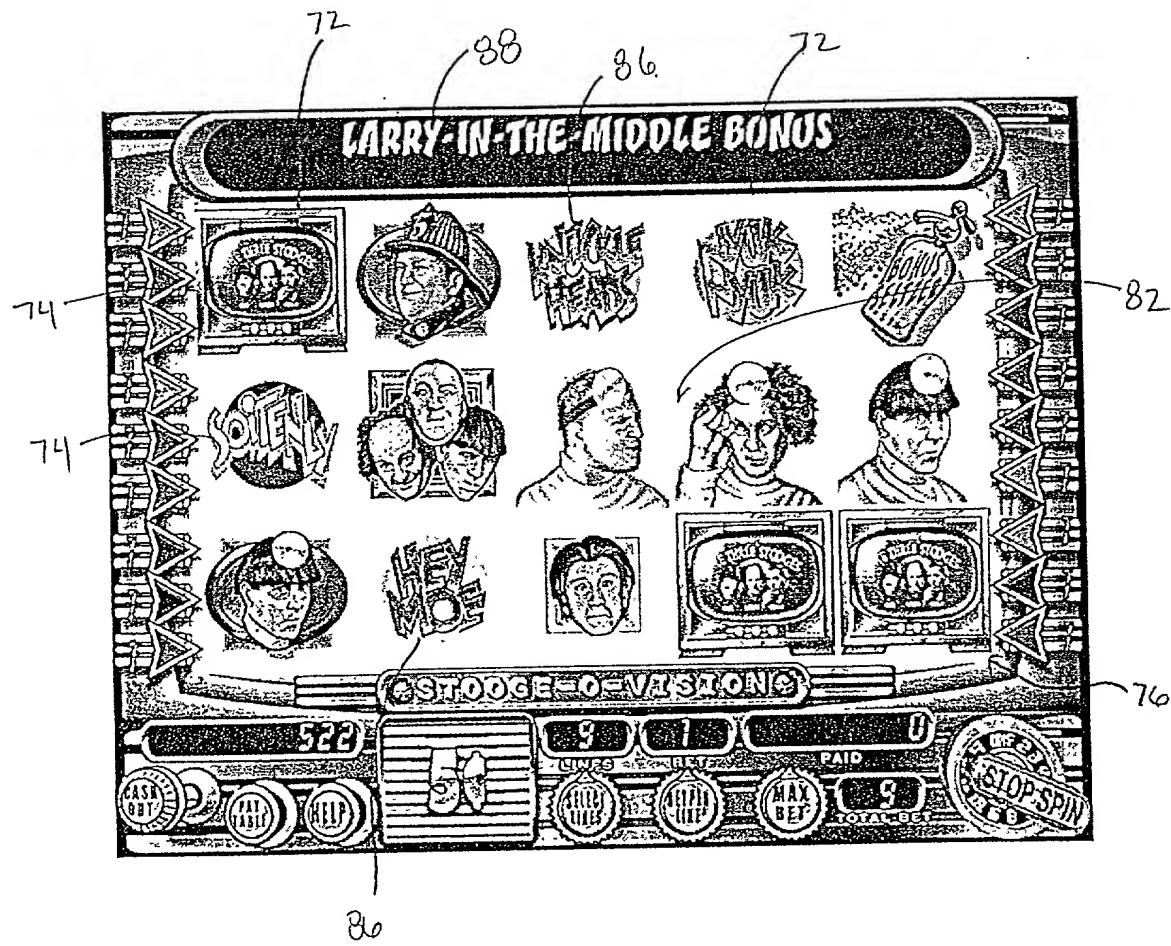
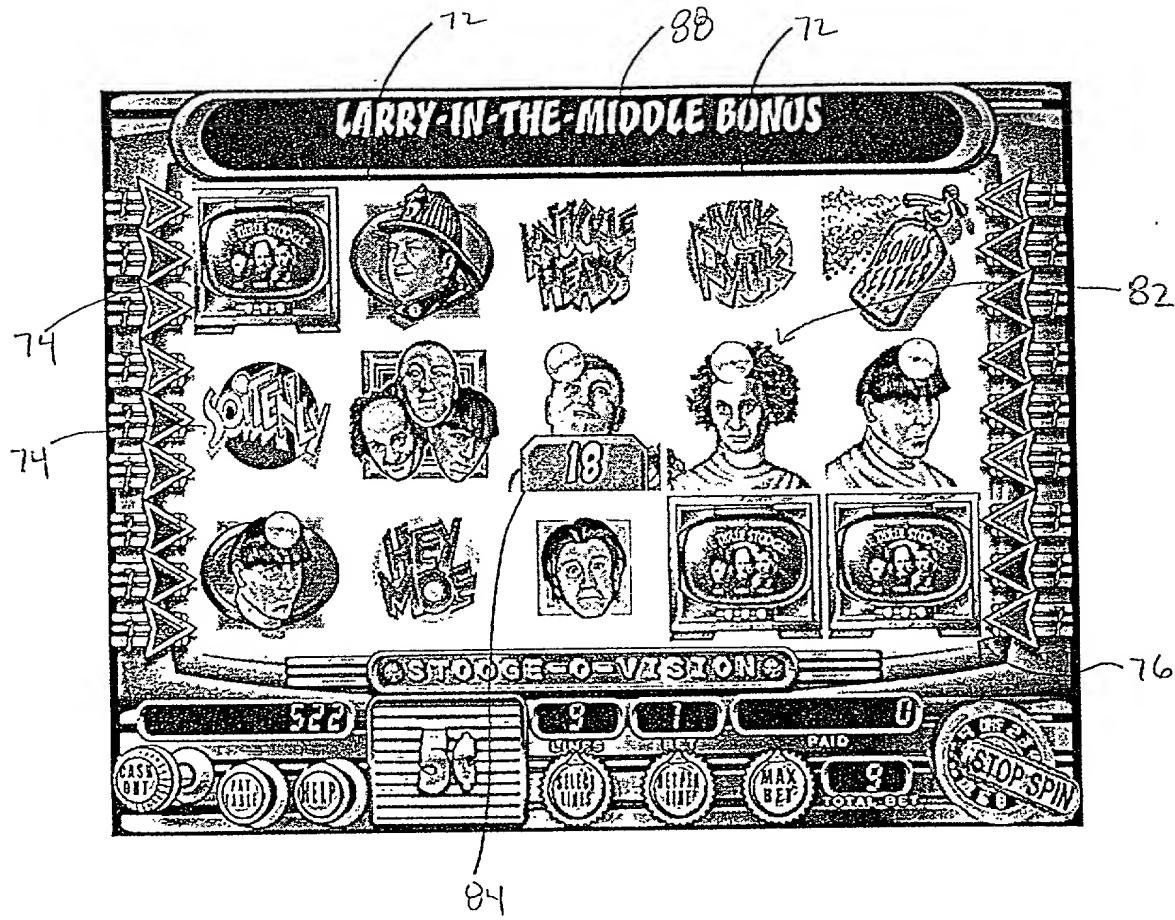


Fig. 5F



F.g. 5G

Docket No. 0112300/144
---------------------------

# Declaration and Power of Attorney For Patent Application

## English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

### GAMING DEVICE HAVING INTERACTING SYMBOLS

the specification of which

(check one)

is attached hereto.

was filed on \_\_\_\_\_ as United States Application No. or PCT International Application Number \_\_\_\_\_  
and was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

### Prior Foreign Application(s)

### Priority Not Claimed

(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (*list name and registration number*)

Adam H. Masia (35,602)

Patricia A. Kane (46,446)

Dante J. Picciano (33,543)

Thomas C. Basso (P46,541)

Amy J. Gast (41,773)

Timothy L. Harney (38,174)

Renato L. Smith (45,117)

Alan L. Barry (30,819)

Robert W. Connors (P46,639)

Troy A. Groetken (46,442)

Robert M. Barrett (30,142)

Michael S. Leonard (37,557)

William E. Vaughan (39,056)

Send Correspondence to: Adam H. Masia  
Bell, Boyd & Lloyd  
P.O. Box 1135  
Chicago, IL 60690-1135

Direct Telephone Calls to: (*name and telephone number*)

Adam H. Masia (312) 807-4284

Full name of sole or first inventor <b>Andrea C. Hughs-Baird</b>	Date
Sole or first inventor's signature	
Residence <b>4830 Hilton Court</b>	
Citizenship <b>USA</b>	
Post Office Address <b>4830 Hilton Court</b>	
<b>Reno, NV 89509</b>	

Full name of second inventor, if any <b>Jason D. Kremer</b>	Date
Second inventor's signature	
Residence <b>2475 Robb Drive #1522</b>	
Citizenship <b>USA</b>	
Post Office Address <b>2475 Robb Drive #1522</b>	
<b>Reno, NV 89523</b>	

Full name of third inventor, if any <b>Brian D. Swift</b>	Date
Third inventor's signature	
Residence <b>114 K Street</b>	
Citizenship <b>USA</b>	
Post Office Address <b>114 K Street</b>	
Sparks, NV 89431	

Full name of fourth inventor, if any	Date
Fourth inventor's signature	
Residence	
Citizenship	
Post Office Address	

Full name of fifth inventor, if any	Date
Fifth inventor's signature	
Residence	
Citizenship	
Post Office Address	

Full name of sixth inventor, if any	Date
Sixth inventor's signature	
Residence	
Citizenship	
Post Office Address	

Full name of seventh inventor, if any	
Seventh inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of eighth inventor, if any	
Eighth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of ninth inventor, if any	
Ninth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of tenth inventor, if any	
Tenth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	